

SENIOR FOREST TECHNICIAN

DEFINITION: Under general supervision, supports various forest programs and projects engaged in the development, protection and orderly use of forest and woodland resources of the Navajo Nation; forestry assignments are moderately difficult and diversified, where detailed supervisory guidance and instructions are limited and/or absent; performs related work as assigned.

ESSENTIAL FUNCTIONS: This list is ILLUSTRATIVE ONLY and is not a comprehensive listing of all functions and tasks performed by incumbents of this class.

TASKS:

Assists foresters in charge and/or higher graded technicians in meeting program objectives as outlined in the plan of operation; plans and carries out field projects in accordance with prescribed standards and instructions set by upper level foresters or operating managers; some technicians serve as lead technician on assigned field projects, assuring work of assigned crew are carried out according to established instructions.

As lead technician, balances work load among crew members; estimates expected time of completion; assures timely accomplishments of assigned workload; provides specific instructions on work methods; trains staff in accordance with established practices; resolves and corrects onsite problems that are of a non-controversial nature; reports major problems that deviate from prescribed forestry plans.

Some technicians examines forest compartments utilizing research practices and instructions prescribed by professional foresters in carrying out silvacultural projects; typically this entails the collection, computation and summarization of various field data gathered; such as recording type of tree species, height, diameter, and defects which may be present; assists in locating suitable seed sources; assists in developing and maintaining seed orchards, seed production and seed collection areas; samples insect populations; identifies tree disease problems; assists in application of control measures prescribed by foresters; drafts maps showing timber classifications by geographical area; drafts and updates maps based on survey results; marks trees within predetermined compartments for cut that are well defined by instructions.

KNOWLEDGE, SKILLS AND OTHER CHARACTERISTICS:

Practical knowledge of applied forestry practice and overall forestry program objectives.

Knowledge of forestry, nursery or orchard management programs.

Knowledge of fire prevention methods and techniques.

Skill to communicate effectively, act promptly and use good judgment in emergencies, deal tactfully with and inspire public confidence while enforcing rules and regulations.

Skill to understand and follow written instructions.

Skill to perform manual and light maintenance work, using hand and small power tools.

PHYSICAL REQUIREMENTS AND WORK ENVIRONMENT: Work is performed both indoors and outdoors with exposure to a variety of adverse weather conditions. Manual dexterity in the operation of tools and the ability to lift objects weighing up to 100 lbs. is required. Work may at times be strenuous, requiring continuous physical effort for long periods.

THE NAVAJO NATION

Class Code: 3056
Natural Resources and Parks Series
Forestry Group
Overtime Code: Non-Exempt
Pay Grade: 58

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MINIMUM QUALIFICATION: A high school diploma or GED; and three (3) years of increasingly responsible experience in forest management, protection and development; or an equivalent combination of education, training, and experience which provides the capabilities to perform the described duties.

Depending upon the needs of the Nation, some incumbents of the class may be required to demonstrate fluency in both the Navajo and English languages as a condition of employment.